

# DotWriter commands

## FEATURES IN DOTWRITER 02/22/84

MARGINS		FORMAT		INDENT		SPACING		FILES		FONTS		TITLES		MISC.	
LL	FL	JU	CB	IN	OF	SK	VT	IM	TC	BF	AF	TT	BT	CW	TR
LM	TM	CO	PR	PP	CE	PA		AP	IX	TF	MF	TF	PS	ES	SY
LS	BM	FO	KR			CP		RD	KE	RE		PN		HY	ST
HM	FM	PI	SD			LH								EN	CM
AD	MX	BR	DA			CC								IG	HL
WP		EM	KS			DS								VL	UP
		SW													

### MINI-EDIT

hold <SHIFT>

### ESCAPE SEQUENCES

!\$ !% !&  
!( !)  
!/ !?

### MARGINS

LL n	70	Line Length in 1/10"
AD n	5	Same as LM
LM n	5	Left Margin in 1/10"
HM n	3	lines for Heading Margin
FM n	1	lines for Footing Margin
PL n	66	lines per page
TM n	6	lines for top margin (above body)
BM n	6	lines for bottom margin (below body)
LS n	0	lines for 1st page logo space
MX 100,80	80	100=Epson wide paper
WP on,off	off	ON= Non-Epson wide paper

### FORMAT

JU ON,OFF,ALL,RIGHT	right justification
FO ON,OFF	justification and concatenation
CO ON,OFF	treatment of carriage returns
PI 0,1,2,3	pitch (Dots/Inch Graphics fonts)
SD n	0 Number of dots between letters
BR	control break
DA 0-3	0 darkness control, std print
DA on,off	off Darkness (vertical), graphics fonts
EM on,off	off Emphasized print, graphics fonts
CB n,w	multiple columns: #, width
CB -n,w	columns separated by vertical lines
PR on,off	off Proportional print, graphics fonts
KR on,off	off Kerning print,graphics fonts
KS n	0 Kerning Space, vertical separation
SW n	5 Space Width

## DotWriter commands

### INDENTATION

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IN 0, n, -n	0	left margin indentation in 1/10"
OF n		delayed indent, manually controlled
PP in		new paragraph: indent
CE ON, OFF, W	off	centering

### SPACING

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SK n, -n		skip 'n' lines forward, 'n' lines back
PA		start new page
CP n		conditional new page
CC n		conditional new column
LH n	12	Line Height in dots
DS on,off	off	Double Space
VT		Vertical tab, record current position
VT n		Vertical tab, n lines from page top

### FILES

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IM fid		imbed another file
AP fid		append another file
TC string		table of contents entry
IX string		index entry
RD sym,fid		form letter reads from N&A file
KE "message"		keyboard entry of text or command

### FONTS

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BF fileid	1	Begin Font "fileid" or 1 for std font
AF fileid		Alternate Font "fileid"
AF fileid-n		Alternate Font lowered n lines (subscript)
TF fileid	1	Title Font "fileid"
MF n	1	Magnify font by factor of n
RE 0,1,2	0	Reverse: no, non-blank, all

### TITLES

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TT text		top title
BT text		bottom title
TF fileid		Title Font "fileid"
PN ON,OFF	on	page numbering
PS c	\$	page number symbol used in titles

### MISCELLANEOUS

## DotWriter commands

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CW char	.	control word character (usually . or ;)
ES char	!	escape sequence character (@ or !)
CM anything		comment, rest of line ignored
SY @nnn,nnn,nnn		ASCII symbols to go as-is to printer
TR a,b,c		character translation
HY c,ON,OFF		hyphenation controls
PG s,n		page range to be printed
ST message		stop for operator intervention
EN		END of document. Must be last
IG on,off,1,2	off	Ignore ON= ignore until IG OFF 1=ignore text, but not dot commands 2=ignore BF,AF and TF commands
HL		draw Horizontal Line using current UP setting
UP n	1	Underline Pin setting
VL on,off,1,2,3	off	Vertical Line: ON or 1 in left margin 2=Vertical Line in both margins 3=Vertical Line in right margin

## ESCAPE SEQUENCES

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!\$	start underlining, blank & non-blank
!&	start underlining non-blanks
!%	end underlining
!(	start double width
!)	end double width
!/'	start alternate character set
!?	end alternate character set

## MINI-EDIT

-----

hold <SHIFT> until program asks for keyboard entry.  
Then enter commands or line of text

FONT # 0

**MB2/PR - MEDIUM BOLDX2**

**ABCDEFGHIJKLMNOPQRSTUVWXYZ**

**ABCDEFGHIJKLMNOPQRSTUVWXYZ**

**Z!''#\$%&'()\*+=+<>? 1234567890:-0½:.. /**

**BB/PR - Big Bold**

**ABCDEFGHIJKLMNOPQRSTUVWXYZ**

**Zabcdefghijklmnopqrstuvwxyz**

**z!''#\$%&'()\*+=+<>? 1234567890:-0½:.. /**

**BO/PR - Enhanced Big Bold**

**ABCDEFGHIJKLMNOPQRSTUVWXYZ**

**Zabcdefghijklmnopqrstuvwxyz**

**z!''#\$%&'()\*+=+<>? 1234567890:-0½:.. /**

**MB/PR - Medium Bold**

**ABCDEFGHIJKLMNOPQRSTUVWXYZ**

**Zabcdefghijklmnopqrstuvwxyz**

**z!''#\$%&'()\*+=+<>? 1234567890:-0½:.. /**

**OE/PR - Old English**

**ABCDEFGHIJKLMNOPQRSTUVWXYZ**

**Zabcdefghijklmnopqrstuvwxyz**

**z!''£\$%&'()\*+=+<>? 1234567890:-0½:.. /**

**OC/PR - Old English**

**ABCDEFGHIJKLMNOPQRSTUVWXYZ**

**Zabcdefghijklmnopqrstuvwxyz**

**z!''£\$%&'()\*+=+<>? 1234567890:-0½:.. /**

ABCDEF GHIJKLM NOPQRSTU VWXY  
Zabcde fghijklm nopqrstu vwxy  
z!"#\$%&'()\*+=<>? 1234567890:-0;.,/

SE/PR - Small Enhanced  
ABCDEF GHIJKLM NOPQRSTU VWXY  
Zabcde fghijklm nopqrstu vwxy  
z!"#\$%&'()\*+=<>? 1234567890:-0;.,/

FF/PR - FLAT FACE  
ABCDEF GHIJKLM NOPQRSTU VWXY  
ZABCDEF GHIJKLM NOPQRSTU VWXY  
Z!"#\$%&'()\*+=<>? 1234567890:-0;.,/

PL/PR - PLAIN (with Block Graphics)  
ABCDEF GHIJKLM NOPQRSTU VWXY  
Zabcde fghijklm nopqrstu vwxy  
z!"#\$%&'()\*+=<>? 1234567890:-0a;.,/

SPL/PR - Small Plain  
ABCDEF GHIJKLM NOPQRSTU VWXY  
Zabcde fghijklm nopqrstu vwxy  
z!"#\$%&'()\*+=<>? 1234567890:-0;.,/

MP/PR - Microprint  
ABCDEF GHIJKLM NOPQRSTU VWXY  
Zabcde fghijklm nopqrstu vwxy  
z!"#\$%&'()\*+=<>? 1234567890:-0a;.,/

MID/PR - Midnight  
ABCDEF GHIJKLM NOPQRSTU VWXY  
Zabcde fghijklm nopqrstu vwxy  
z<8Y0#00()00=V+<>? 1234567890:-0;.,/

GREEK ΓREEK  
ΑΒΧΔΕΘΓΗΙΦΚΛΜ ΝΟΠΦΡΣΤΤΤΩΞΨ  
Ζαβχδεθγηιφκλμ νοπφρστυνωξψ  
ζ!"#\$%&'()\*+=<>? 1234567890:-0;.,/

## NEWS/PR - News

ABCDEF GHIJKLM  
NOPQRSTU VWXYZ  
abcde fghijklm nopqrstu vwxyz  
!"#\$%&'()\*+=<>? 1234567890:-@;.,/

NLQ/PR - Near Letter Quality  
ABCDEF GHIJKLM NOPQRSTU VWXYZ  
abcde fghijklm nopqrstu vwxyz  
!"#\$%&'()\*+=<>? 1234567890:-@;.,/

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.pron;.tm3;.bm4;.daon;.pnoff;.sd3;.fooff;.bf1
.cm File 'FONT0'
FONT # 0
.sk2
.bfmb2/pr
MB2/PR - Medium BoldX2
ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
z!"#$%&'()*+=`+<>? 1234567890:-[@;,. /
.sk;.bfbb/pr
BB/PR - Big Bold
ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
z!"#$%&'()*+=`+<>? 1234567890:-[@;,. /
.sk
.bfbo/pr
BO/PR - Enhanced Big Bold
ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
z!"#$%&'()*+=`+<>? 1234567890:-[@;,. /
.sk
.bfmb/pr
MB/PR - Medium Bold
ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
z!"#$%&'()*+=`+<>? 1234567890:-[@;,. /
.sk
.bfoe/pr
OE/PR - Old English
ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
z!"#$%&'()*+=`+<>? 1234567890:-[@;,. /
.sk
.bfmc/pr
MC/PR - MICROCUBES
ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
z!"#$%&'()*+=`+<>? 1234567890:-[@;,. /
.sk
.bftr/pr
TR/PR - TypeRiter
ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
z!"#$%&'()*+=`+<>? 1234567890:-[@;,. /
.sk
.bfse/pr
SE/PR - Small Enhanced
ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
z!"#$%&'()*+=`+<>? 1234567890:-[@;,. /
.sk
.bfff/pr
FF/PR - FLAT FACE
ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
z!"#$%&'()*+=`+<>? 1234567890:-[@;,. /
.sk
.bfpl/pr
PL/PR - PLAIN (with Block Graphics)
ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
z!"#$%&'()*+=`+<>? 1234567890:-[@;,. /
.sk
.bfspl/pr
SPL/PR - Small Plain
ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
z!"#$%&'()*+=`+<>? 1234567890:-[@;,. /
.sk
.bfmp/pr
MP/PR - Microprint
ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
z!"#$%&'()*+=`+<>? 1234567890:-[@;,. /

```

# Dot Writer 3.0

- \* NEW TINY GEAP CHARACTER EDITOR INCLUDED
- \* CREATE OR MODIFY TYPE STYLES
- \* NUMEROUS SUPPLIED TYPE STYLES
- \* MANY ADDITIONAL TYPE STYLES AVAILABLE
- \* SUPPORTS EPSON, C.I.TOH PROWRITER, PMC 8510, NEC 8023 - MORE TO COME
- \* COMPATIBLE WITH MOST WORD PROCESSORS
- \* OVER 80 PRINT CONTROL COMMANDS
- \* COMPATIBLE WITH MOST DOS's
- \* CONTROL SPACE BETWEEN LETTERS AND LINES
- \* TRUE PROPORTIONAL PRINT AND SPACE
- \* SUBSCRIPT, INTERMIX TYPE STYLES ON LINE OR WITHIN WORD
- \* INTERMIX GRAPHIC AND TYPE STYLES ON SAME LINE
- \* USER DEFINED AND CONTROLLED UNDERLINING
- \* ALL NEW USER FRIENDLY MANUAL
- \* TRS80, MOD I, III, MAX80, LNW80
- \* CO CO SUPPORT SOON

## ACTUAL CHARACTER FONTS/SIZE

ABCDEF ABCDEFGH abcdefgh ABCDEFGH abcdefgh  
 ABCDEFGH abcdefgh ABCDEFGH abcdefgh ABCDEFGH ABCDEFGH

ABCDEFGH abcdefgh 12345678 12345678 12345 (THESE ARE SOME OF THE FONTS SUPPLIED)

## ADDITIONAL FONTS AVAILABLE

ABCDEFGH ABCDEFGH ABCDEFGH  
 ABCDEFGH abcdefgh 12345678 ABCDEFGH abcdefgh 1234  
 ABCDEFGH abcdefgh ABCD abcd ABCD abcd ABCDEFGH ABCDEFGH

## SAMPLES OF HI RES AND MODIFIED CHARACTERS



DOTWRITER - allows you to exceed the limitations of your OMP. Now you can TYPESET your own text; use our type styles or create your own; include hi-resolution graphics in your text; define the spaces between letters or between lines; print multiple columns automatically on some printers; automatic INDEX and Table of CONTENTS; complete underline control; form letters; appended or imbedded files; all of this and much more. DOTWRITER has all the power of most word processors but includes the added dimension of FANCY TYPE.

**RCM Computers**

221 Hirschfield Dr., Williamsville, N.Y. 14221 (716) 634-3026

# ASCII ORDER

VAL / CHAR	VAL / CHAR	VAL / CHAR
32 SPACE	62 >	92 NA
33 !	63 ?	93 NA
34 "	64 @	94 NA
35 #	65 A	95 NA
36 \$	66 B	96 NA
37 %	67 C	97 a
38 &	68 D	98 b
39 '	69 E	99 c
40 (	70 F	100 d
41 )	71 G	101 e
42 *	72 H	102 f
43 +	73 I	103 g
44 ,	74 J	104 h
45 -	75 K	105 i
46 .	76 L	106 j
47 /	77 M	107 k
48 0	78 N	108 l
49 1	79 O	109 m
50 2	80 P	110 n
51 3	81 Q	111 o
52 4	82 R	112 p
53 5	83 S	113 q
54 6	84 T	114 r
55 7	85 U	115 s
56 8	86 V	116 t
57 9	87 W	117 u
58 :	88 X	118 v
59 ;	89 Y	119 w
60 <	90 Z	120 x
61 =	91 [	121 y
		122 z

## Tiny GEAP Commands

S....Save character to disk  
T....Load character from disk  
W....Write to disk  
A....Set frame dimensions  
" . "....Go to flashing dot cursor  
F....Draw or redraw the frame  
H....Display storage limits  
L....Display commands  
E....Exit  
ARROWS..Move Flashing minus

## When DOT CURSOR is on

ARROWS..Move cursor - erase  
<SHIFT> & ARROWS..Move cursor - draw  
<CLEAR>..Clear character  
-...Return to minus cursor  
0-7..Adjust cursor speed

## PRINT HEAD PIN LAYOUT

PIN NUMBER	.UP VALUE
8	128
7	64
6	32
5	16
4	8
3	4
2	2
1	1
0	NOT USED

## SUGGESTED .UP VALUE FOR UNDERLINING FONTS

FILE	.UP VALUE
OE / 1	BO / 4
SE / 32	FF / 8
PL / 64	MP / 2
MB / 4	MP1 / 2
MB2 / 8	MC / 1
BB / 4	GR / 64

## CONTROL CODES

! / . . . Begin alternate font.  
! ? . . . End alternate font.  
! & . . . Underline non-blank  
! \$ . . . Underline blank & non-blank  
! % . . . End underlining.  
! ( . . . Begin double width mode.  
! ) . . . End double width mode.



Command	Default	Action	Command	Default	Action
.AD n	5	ADjust left margin	.KE		KEyboard entry
.AF "filename"		AlteRNate Font select	.LH n	12	Line Height
.AP "filename"		APend file	.LL n	70	Line Length
.BF "filename"	BF1	Begin Font (BF1 standard)	.LS n	0	Logo Space
.BM n	6	Bottom Margin	.MF n	1	Magnify Factor
.BR		Control Break	.HX 100,80	80	printer width EPSON
.BT "title"		Bottom Title	.HX-80		Force 1/72 feed
.CB n,w or -n,w		Column Begin	.OF n	0	Offset
.CC n		Conditional Column	.PA		Page force
.CE on,off	off	CEntering	.PI 0,1,2,3	2	Pitch C.ltoh
.CH		Chhent	.PL n	60	Page Length
.CO on,off	on	COncatenation	.PI on,off	on	Page Number
.CP n	2	Conditional Paragraph	.PP n	5	Paragraph
.CW on,off	off	Center Width	.PR on,off	off	Proportional
.DA on, off	off	Dark dot fonts	.PS symbol	\$	Page number Symbol
.DA 0,1,2,3	0	Dark printer fonts	.RD n		Form letter Read command
.DS on,off	off	Double Space	.RD n (or c) "filename"		
.EM on,off	off	Emphasized dot print	.RE 0,1,2	0	REverse print
.EN		End text file	.SD n	0	Space Dots between lets
.ES "symbol"	!	EScape code	.SK n, -n	0	SKip line, reverse skip
.FO on,off	on	Format	.ST "message"		SStop
.FM n	1	Footing Margin	.SW n	.5	Space Width
.HL		Horizontal Line	.TC "phrase"		Table of Contents entry
.HM n	1	Heading Margin	.TH n	6	Top Margin
.HY symbol on,off	shift 0 on	Conditional Hyphen	.TR a,b,c	0	Translate command
.IG on,off,1,2	off	IGnore text	.TT "title"		Top Title
.IM "filename"		IMbed file	.TF "name"		Title Font
.IN n	0	INdent	.UP n	1	Underline Print
.IX "text"		INdex entry	.VL on,off,1,2,3		Vertical Line
.JU on,off,right	on	JUstify text	.VT, .VT n		Vertical Tab # of lines
			.WP		Wide Paper C.ltoh